

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Downs et al.  
Filed: July 18, 2001  
Serial No.: 09/909,592  
Art Unit: Not yet known  
Examiner: Not Yet Known  
Assistant Commissioner for Patents  
Washington, DC 20231



METHOD FOR SIMULTANEOUS REMOVAL  
AND SEQUESTRATION OF CO<sub>2</sub> IN A  
HIGHLY ENERGY EFFICIENT MANNER

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(CASE 6152)

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## INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants under the provisions of 37 CFR §§1.56, 1.97 and 1.98 call the Examiner's attention to the references listed on the enclosed Form PTO/SB/08. A copy of each reference listed is enclosed.

Under 37 CFR §1.97(b), no fee for consideration of this IDS is required if filed: (1) within three (3) months of the filing date of a national application or (2) before the mailing date of a first Office action on the merits, whichever event occurs last. However, if any fee for consideration of this IDS under 37 CFR §1.97 is required, the Commissioner is hereby authorized to charge the \$180.00 fee required under 37 CFR §1.17(p) to Deposit Account No. 50-1807.

The Examiner is respectfully requested to consider the references submitted herewith, together with such other relevant materials the Examiner locates as a result of an independent search, in the examination of the present patent application.

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on February 4, 2002.  
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Gayle Hamilton  
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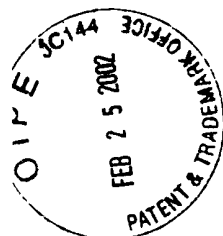
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/909,592
		Filing Date	July 18, 2001
		First Named Inventor	William Downs
		Group Art Unit	<del>Unknown</del> 3749
		Examiner Name	Unknown
Sheet	1	of	1
		Attorney Docket Number	6152

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YY)	Page, Column, and/or Lines Where Relevant Passages/Figures Appear
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		Office	Number	Kind Code				

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	KEN CALDEIRA and GREG H. RAU, "Accelerating carbonate dissolution to sequester carbon dioxide in the ocean: Geochemical implications," <u>Geophysical Research Letters</u> , Vol. 27, No. 2, pages 225-228, January 15, 2000	
	2	W. G. ORMEROD, P. FREUND and A. SMITH, "Ocean Storage of CO <sub>2</sub> ," <a href="http://www.ieagreen.org.uk/ocean1.htm">http://www.ieagreen.org.uk/ocean1.htm</a> , Report produced by the IEA Greenhouse Gas R&D Programme, © Copyright IEA Greenhouse Gas R&D Programme, February 1999, © Copyright Cover ilmage 1997 PhotoDisc, Inc., 26 pages.	
	3	H. STEINBERG, H. C. CHENG and F. HORN, "A Systems Study for the Removal, Recovery and Disposal of Carbon Dioxide from Fossil Fuel Power Plants in the U.S.," BNL 35666 Informal Report, Department of Applied Science, Brookhaven National Laboratory, Upton, Long Island, New York, May 1984, 76 pages.	
	4	GREG H. RAU and KEN CALDEIRA, "Enhanced carbonate dissolution: a means of sequestering waste CO <sub>2</sub> as ocean bicarbonate," <u>Energy Conversion &amp; Management</u> , 40, (1999), pages 1803-1813.	

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Examiner Signature		Date Considered	
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